

Attorney Docket No.: 5440.204-US

**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

In re Application of: Kauppinen et al.

Confirmation No: 2264

Serial No.: 09/339,159

Group Art Unit: 1652

Filed: June 24, 1999

Examiner: M. Rao

For: Mannanases

**AMENDMENT**

Commissioner for Patents  
Washington, DC 20231

Sir:

Please amend the above-identified application as follows (a marked up version pursuant to 37 C.F.R. 1.21 is attached hereto):

**IN THE SPECIFICATION:**

Please replace the paragraph on page 3, line 24 – page 4, line 1 with:

E1  
In a first aspect, the present invention relates to a mannanase which is i) a polypeptide produced by *Bacillus sp.* 1633, ii) a polypeptide comprising an amino acid sequence as shown in positions 32-330 of SEQ ID NO:2, or iii) an analogue of the polypeptide defined in i) or ii) which is at least 65% homologous with said polypeptide, is derived from said polypeptide by substitution, deletion or addition of one or several amino acids, or is immunologically reactive with a polyclonal antibody raised against said polypeptide in purified form.

E2  
Please replace the paragraph on page 4, lines 2-12 with:

Within one aspect, the present invention provides an isolated polynucleotide molecule selected from the group consisting of (a) polynucleotide molecules encoding a polypeptide having mannanase activity and comprising a sequence of nucleotides as shown in SEQ ID NO: 1 from nucleotide 94 to nucleotide 990; (b) species homologs of (a); (c) polynucleotide molecules that encode a polypeptide having mannanase activity that is at least 65% identical to the amino acid

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